PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Patrick CHIU

Application No.:   10/756,397

Filed: January 14, 2004   Docket No.:   114890

For: SYSTEMS AND METHODS FOR CREATING AND UPDATING AN INTERACTIVE 3D VISUALIZATION OF MEDIA INDICES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

      Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

☒   1.   This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.

☒   2.   The present application was filed or entered the U.S. National Stage of the PCT after June 30, 2003. In accordance with the June 11, 2003, Notice waiving the requirements of 37 CFR §1.98(a)(2)(i), copies of any U.S. patents and patent application publications are not attached. (Refs. #1-3)

☒   3.   A co-pending U.S. patent application is identified on Form PTO 1449 of this Information Disclosure Statement. The Examiner is respectfully requested to consider each cited application and the art cited therein during examination of the present application.

Respectfully submitted,
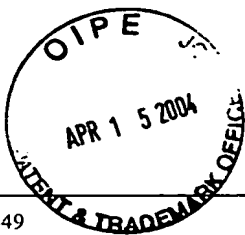
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Date: April 15, 2004

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Form PTO-1449 (REV. 8-83)	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 114890	APPLICATION NO. 10/756,397
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT(S) Patrick CHIU et al.	
		FILING DATE January 14, 2004	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1	US 6,535,639 B1	03/18/2003	Uchihachi et al.		
	2	US 2004/0021685 A1	02/05/2004	Denoue et al.		
	3	US 2002/0054083 A1	05/09/2002	Boreczky et al.		
	4	U. S. Patent Application No. 10/375,134	02/28/2003	Chiu et al.		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	5	Benford, S., Taylor, I., Brailsford, D., Koleva, B., Craven, M., Fraser, M., Reynard G. and Greenhalgh, C. Three Dimensional Visualization of the World Wide Web. ACM Computing Surveys 31(4), December 1999.
	6	Benford, S.D., Snowdon, D.N., Greenhalgh, C.M., Ingram, R J., Knox, I. and Brown, C.C., VR-VIBE: A Virtual Environment for Co-operative Information Retrieval, Computer Graphics Forum, 14, (3), pp. 349-360, 1995, NCC Blackwell.
	7	Chiu, P., Boreczky, J., Girgenohn, A., Kimber, D. LiteMinutes: An Internet-based system for multimedia minutes. *Proceedings of Tenth World Wide Web Conference (2001)*, pp. 140-149. See http://www10.org.
	8	Chuah, M., Roth, S., Mattis, J., Kolojejchick, J. SDM: Selective dynamic manipulation of visualizations, *Proceedings of the UIST '95*. ACM Press, pp. 61-70.
	9	Denoue, L., Chiu, P., Fuse, T. Shared text input for note taking on handheld devices. *CHI '02 Abstracts*. ACM Press, pp. 794-795.
	10	Frécon, E., Smith, G. WebPath - A three-dimensional Web history, IEEE InfoVis '98, pp. 3-10.
	11	Girgensohn, A., Boreczky, J., Wilcox, L., and Foote, J. Facilitating video access by visualizing automatic analysis. *Proceedings of interact '99*. IOS Press, pp. 205-212.
	12	He, L., Sanocki, E., Gupta, A., Grudin, J. Auto-Summarization of Audio-Video Presentations, *Proceedings of MultiMedia '99*, pp. 489-498.
	13	Learning Landscape, ETH (Federal Institute of Technology Zurich), [http://webarchive.org/web/20011015075552/www.dgj.ch/ethworld/] November 22, 2001.
	14	McKinney, K., Fischer, M., Kunz, J. Visualization of construction planning information. *Proceedings of IUI '98 Conference*. ACM, New York, pp. 135-138.
	15	Mukhopadhyay, S. and Smith, B. Passive capture and structuring of lectures. *Proc. ACM Multimedia '99*. ACM, New York, pp. 477-487.
	16	Rao, R., Card, S. The Table Lens: merging graphical and symbolic representations in an interactive focus + context visualization for tabular information. *Proceedings of CHI '94*. ACM, New York, pp. 318-322, 481-482.
	17	Robertson, G., Card, S., Mackinlay, J. Information visualization using 3D interactive animation. *Communications of the ACM*, 36 (4) (1993), 57-71.

EXAMINER	DATE CONSIDERED

Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date: April 15, 2004

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	18	Resnick, P., Neophytos, I., Suchak, M., Bergstrom, P., and Ridel, J. GroupLens: An Open Architecture for Collaborative Filtering of Netnews. *Proceedings of CSCW '94*. ACM, New York, pp. 175-186.
	19	Smoliar, S.W., Zhang, H.J. Content-based video indexing and retrieval. *IEEE MultiMedia*, Summer 1994, pp. 62-72.
	20	Snowdon, D., Benford, S., Greenhalgh, C., Ingram, R., Brown, C., Fahlén, L. and Stenius, M., A 3D Collaborative Virtual Environment for Web Browsing, in *Virtual Reality Universe '97*. Westin Santa Clara Hotel, California, USA, April 1997.
	21	Terveen, L., Hill, W., Amento, B., McDonald, D., and Creter, J. PHOAKS: A System for Sharing Recommendations. *Communications of the ACM*, 40(3), March 1997, pp. 59-62.
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	24	Yeung, M.M., Yeo, B.L. Video visualization for compact presentation and fast browsing of pictorial content. IEEE Transactions on Circuits and Systems for Video Technology, Vol. 7, No. 5 (Oct 97), pp. 771-785.

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